

## Publications by Weather Bureau Authors

- H. S. Carter (with J. C. Fortson and J. L. Carmon), "An Analysis of Weather Data for the South Georgia Vegetable Industry," Special Report, University of Georgia, College Experiment Station, 1963.
- H. L. Crutcher (with C. L. Bretschneider, J. Darbyshire, G. Neumann, W. J. Pierson, H. Walden, and B. W. Wilson), "Data for High Wave Conditions Observed by the Ocean Weather Ship 'Weather Reporter' in December 1959," *Deutsche Hydrographische Zeitschrift*, vol. 15, No. 6, 1962, pp. 243-255.
- F. G. Finger and S. Teweles, "Synoptic Charts Based on Rocketsonde Data," *Proceedings of the International Symposium on the Stratosphere and Mesosphere*, 20-31 August 1962, Berlin, 1963, pp. 379-390.
- F. A. Gifford, Jr., "The Area Within Ground-Level Dosage Isopleths," *Nuclear Safety*, vol. 4, No. 2, Dec. 1962, pp. 91-92.
- F. A. Gifford, Jr. and D. H. Pack, "Surface Deposition of Airborne Material," *Nuclear Safety*, vol. 3, No. 4, June 1962, pp. 76-87.
- D. S. Johnson, "Meteorological Satellites and Weather Forecasting," *The Voice of America Forum Lectures*, Space Science Series No. 2 [U.S. Information Agency], Government Printing Office, [1963], 7 pp.
- N. Kronberg and J. C. Purvis (with U.S. Jones), "Frequency Distribution of Winds Aloft Over South Carolina," Climatic Series No. 9, South Carolina Agricultural Experiment Station, Clemson Agricultural College Research Series No. 42, Aug. 1963.
- H. E. Landsberg, "Biometeorology of Air Pollution," *Proceedings*, National Conference on Air Pollution, Dec. 1962, (Public Health Service Publication No. 1022), Washington, D.C. 1963, pp. 149-152.
- H. E. Landsberg, "Dr. C. W. Thornthwaite," [obituary], *WMO Bulletin*, vol. XII, No. 4, 1963, pp. 232-233.
- H. E. Landsberg, "Early Developments in the Theory of the Saturated Adiabatic Process, by J. E. McDonald," [Letter to Editor], *Bulletin of the American Meteorological Society*, vol. 44, No. 8, Aug. 1963, p. 511.
- H. E. Landsberg, "Review of *Warenpflege Lebensmittel und Warenverluste und ihre Verhütung* by G. Grundke, Fachbuchverlag, Leipzig, 1961, 275 pp. and 1962, 156 pp.," *Bulletin of the American Meteorological Society*, vol. 44, No. 8, Aug. 1963, p. 508.
- H. E. Landsberg and H. S. Lippmann, "Global Distribution of Solar and Sky Radiation," pp. 1-4 of *World Maps of Climatology*, Springer Verlag, Berlin-Göttingen-Heidelberg, 1963.
- R. A. McCormick, "Problems in Forecasting Air Pollution," *Proceedings*, 11th Annual Pennsylvania Clean Streams and Clean Air Conference, Harrisburg, May 3, 1963.
- J. C. McQuigg (with W. L. Decker), "Climate of the Southeast Lowlands of Missouri," *Bulletin 794*, Agricultural Experiment Station, University of Missouri, Aug. 1963, 46 pp.
- J. M. Mitchell, Jr., "On the Worldwide Pattern of Secular Temperature Change," pp. 161-180 of "Changes of Climate, Proceedings of the Rome Symposium organized by UNESCO and WMO," *Arid Zone Research XX*, UNESCO, 1963.
- J. Namias, "Surface-Atmosphere Interactions as Fundamental Causes of Drought and Other Climatic Fluctuations," pp. 345-358 of "Changes of Climate, Proceedings of the Rome Symposium Organized by UNESCO and WMO," *Arid Zone Research XX*, UNESCO, 1963.
- J. R. Neilon (with J. C. Cain), "Automatic Mapping of the Geomagnetic Field," *Journal of Geophysical Research*, vol. 68, No. 16, Aug. 15, 1963, pp. 4689-4696.
- E. R. Nelson, "The Role of the River and Rainfall Observer in the River and Flood Forecasting Service of the Weather Bureau," *Weatherwise*, vol. 16, No. 4, Aug. 1963, pp. 169-171.
- L. E. Niemeyer, "Summer Sun—Cincinnati Smog: A Recent Incident," *Journal of the Air Pollution Control Association*, vol. 13, No. 8, Aug. 1963, pp. 381-383, 387.
- R. B. Orton (with R. J. Hildreth), "Freeze Probabilities in Texas," Texas Agricultural Experiment Station, *Bulletin MP-657*, May 1963.
- F. Ostapoff (translator), *General Oceanography—An Introduction*, by G. Dietrich with contributions by K. Kalle, Interscience Publishers, New York, 1963, 588 pp. (Translated from *Allgemeine Meereskunde*, G. Dietrich, 1957.)
- D. H. Pack, "The Status of Meteorological Knowledge as a Factor in Air Pollution Control," *Proceedings National Conference on Air Pollution*, Dec. 1962, Public Health Service Publication 1022, Washington, D.C., 1963, pp. 267-271.
- F. Pooler, Jr., "Airflow Over a City in Terrain of Moderate Relief," *Journal of Applied Meteorology*, vol. 2, No. 4, Aug. 1963, pp. 446-456.
- S. Price and J. C. Pales, "Local Volcanic Activity and Ice Nuclei Concentrations on Hawaii," *Archiv für Meteorologie, Geophysik und Bioklimatologie*, Serie A, vol. 13, Nos. 3-4, 1963, pp. 398-407.
- P. H. Putnins, "Correlation Between Pressure Changes Aloft and at the Surface in the Greenland Area and Some Aspects of the 'Steering Problem'," *Archiv für Meteorologie, Geophysik, und Bioklimatologie*, vol. 13, No. 2, Oct. 1962, pp. 218-240.
- V. D. Rockney, "Meteorological Rockets," *WMO Bulletin*, vol. XII, No. 3, July 1963, pp. 138-142.
- R. H. Simpson, "Tropical Meteorology Conference," [Letter to Editor], *Bulletin of the American Meteorological Society*, vol. 44, No. 8, Aug. 1963, p. 511.
- S. F. Singer, "The Earth's Exosphere," Chapter 13 (pp. 522-548) in *Space Science*, D. P. LeGalley, ed., University of California Engineering and Physical Sciences Extension Series, John Wiley and Sons, Inc., New York, 1963.
- Staff, National Weather Satellite Center, "Reduction and Use of Data Obtained by TIROS Meteorological Satellites," World Meteorological Organization, *Technical Note No. 49*, Geneva, 1963, 58 pp.
- J. H. Strub, Jr. (with D. G. Baker), "Climate of Minnesota," University of Minnesota, Experiment Station, *Technical Bulletin 243*, Mar. 1963.
- S. Teweles, "Reduction of Diurnal Variation in Stratospheric Radiosonde Data Reported by Countries of the Eastern Hemisphere," *Proceedings of the International Symposium on the Stratosphere and Mesosphere*, 20-31, August 1962, Berlin, 1963, pp. 507-516.
- E. M. Vernon, "The Weather," pp. 433-437 of *U.S. Department of Agriculture Yearbook, 1962*, Washington, D.C., 1962.
- H. Wexler, "Space Research and Meteorology," *The Voice of America Forum Lectures*, Space Science Series No. 9, [U.S. Information Agency], Government Printing Office, [1963], 8 pp.
- H. Wexler (with T. K. Sherwood), "Desalination: Evaporation Reduction; Artificial Precipitation; Large-Scale Weather and Climate Modification," *Natural Resources*, vol. 1 of Science, Technology, and Development, U.S. Papers for U.N. Conference on the Application of Science and Technology for the Benefit of Less Developed Areas [U.S. Agency for International Development], Government Printing Office, [1963], pp. 360-371.
- L. F. Whitney, Jr., "Severe Storm Clouds As Seen from TIROS," *Journal of Applied Meteorology*, vol. 2, No. 4, Aug. 1963, pp. 501-507.